

1 16. (Currently amended) A method according to claim 1, wherein A method of controlling the
2 molecular motion of a polymer, fluoropolymer is controlled by comprising compounding [[a]]
3 the nanostructured chemical into the polymer fluoropolymer.

1 17. (Currently amended) A method according to claim 16, wherein a time dependent property
2 is enhanced as a result of compounding the nanostructured chemical into the polymer
3 fluoropolymer.

1 18. (Original) A method according to claim 17, wherein the time dependent property is
2 selected from the group consisting of T_g, HDT, modulus, creep, set, permeability, erosion
3 resistance, abrasion resistance.

1 19. (Currently amended) A method according to claim 15, wherein of reinforcing a selected
2 region of a polymer, the method comprising: compounding a the nanostructured chemical with
3 has chemical properties compatible with the selected predetermined region of the polymer
4 fluoropolymer, whereby the compounding reinforces the fluoropolymer.

1 20. (Cancelled)